-

٠

	Act of 1995, no persons are real	uired to respond to a collection of In Application Number	10/763,883	
		Filing Date	January 23, 2004	
POWER OF ATTORNEY		First Named Inventor	Michael Hensel	
and		Title	Attenuated Salmonalia SP12 Mutants at	s Antigen
CORRESPONDE		Art Unit	1645	
		Examiner Name	Khatol Shahnan-Shah	
		Attorney Docket Number	ICI 104 DIV	
by appoint: Practitioners associated with the Customer Number:		23579		
Practitioners associated w				
Practitioner(s) named bek	ow:			
Name			Registration Number	
ļ				
	) to prosecute the application	Identified above, and to transa	act all business in the United States	Patent
emark Office connected ine se recognize or change the The address associate	srewiui.	the above identified application		
emark Office connected the se recognize or change the The address associate OR The address associate	correspondence address for	the above identified application		
emark Office connected the se recognize or change the The address associate OR The address associate OR Firm or	e correspondence address for ad with the above-mantioned	r the above-identified application Customer Number:		
emark Office connected the se recognize or change the The address associate OR The address associate OR	e correspondence address for ad with the above-mantioned	r the above-identified application Customer Number:		
emark Office connected the se recognize or change the The address associate OR The address associate OR Firm or Individual Name	e correspondence address for ad with the above-mantioned	r lhe above-identified application Customer Number: 23579	n ło:	
emark Office connected in se recognize or change the The address associate OR The address associate OR Firm or Individual Name Address	e correspondence address for ad with the above-mantioned	r the above-identified application Customer Number:		
emark Office connected the se recognize or change the The address associate OR The address associate OR Firm or Individual Name Address Address City Country	e correspondence address for ad with the above-mantioned	r lhe above-identified application Customer Number: 23579	n ło:	
emark Office connected the se recognize or change the The address associate OR The address associate OR Firm or Individual Name Address Address City Country Telephone	e correspondence address for ad with the above-mantioned	r the above-identified application Customer Number: 23579 State	n ło:	
emark Office connected the se recognize or change the The address associate OR The address associate OR Firm or Individual Name Address Address City Country Telephone m the:	e correspondence address for ad with the above-mantioned	r the above-identified application Customer Number: 23579 State	n ło:	
emark Office connected the se recognize or change the The address associate OR The address associate OR Firm or Individual Name Address Address City Country Telephone m the: Applicant/Inventor.	to bist undivided interest. S	r the above-identified application Customer Number: 23579 State Fax	n ło:	
emark Office connected the se recognize or change the The address associate OR The address associate OR Firm or Individual Name Address Address City Country Telephone m the: Applicant/Inventor.	f a joint, undivided interest. S CFR 3.73(b) Is enclosed. (For	r the above-identified application Customer Number: 23579 State Fax	n ko:	
emark Office connected the se recognize or change the The address associate OR The address associate OR Firm or Individual Name Address Address City Country Telephone m the: Applicant/Inventor. Assignee of record o Statement under 37	f a joint, undivided interest. S <i>CFR 3.73(b) Is enclosed. (Fo</i>	r the above-identified application Customer Number: 23579 State Fax iee 37 CFR 3.71. m PTO/SB/96) of Applicant or Assignee of I	n ko:	
emark Office connected the se recognize or change the The address associate OR The address associate OR Firm or Individual Name Address Address Address City Country Telephone mthe: Assignee of record o Statement under 37 me	f a joint, undivided interest. S CFR 3.73(b) Is enclosed. (For SIGNATURE	r the above-identified application Customer Number: 23579 State Fax iee 37 CFR 3.71. m PTO/SB/96) of Applicant or Assignee of I	n ko: 2ip Zip Record Imperial College Innovations Limits	ed
emark Office connected the se recognize or change the The address associate OR The address associate OR Firm or Individual Name Address Address Address City Country Telephone m the: Applicant/Inventor. Assignee of record o Statement under 37 me SuSAM S-	f a joint, undivided interest. S GER 3.73(b) is enclosed. (For SIGNATURE EARLE, CHRF FXEUD	r the above-identified application Customer Number: 23579 State Fax iee 37 CFR 3.71. <i>rm PTO/SE/96</i> of Applicant or Assignee of I <i>IVE- OFFICER</i> on behalf of	Record Telephone 020 75946	ed
emark Office connected the se recognize or change the The address associate OR The address associate OR Firm or Individual Name Address Address Address City Country Telephone m the: Applicant/Inventor. Assignee of record o Statement under 37 me SuSAM S-	f a joint, undivided interest. S CFR 3.73(b) is enclosed. (For SIGNATURE EARLE, CHIEF FREUE 111 OS	r the above-identified application Customer Number: 23579 State Fax iee 37 CFR 3.71. m PTO/SB/96) of Applicant or Assignee of I	Record Telephone 020 75946	ed

If you need essistance in completing the form, call 1-800-PTO-9199 and select option 2.

ICI 104 DIV - 078230/00036

.

.

PTO/58/98 (09-04) Approved for use through 07/91/2006. OMB 0651-0031 U.S. Patent and Tredemark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.				
STATEMENT UNDER 37 CFR 3.73(b)				
Applicant/Patent Owner: Michael Hensel, David William Holden, and Jacqueline Elizabeth Shea				
Application No./Patent No.: <u>10/763.883</u> Filed/Issue Date: January 23, 2004				
Entitled: Attenuated Salmonells SP12 Mutants as Antigen Carriers				
Imperial College Innovations Limited , a Corporation (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)				
states that it is: 1.  Image: The assignee of a joint, undivided interest; or				
2. An assignce of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is%				
in the patent application/patent identified above by virtue of either:				
A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.				
OR B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below.				
1. From: <u>Michael Hensel</u> To: <u>Creatogen Aktiengesellschaft</u> The document was recorded in the United States Patent and Trademark Office at Reel <u>015331</u> , Frame <u>0098</u> , or for which a copy thereof is attached.				
2. From: <u>Creatogen Aktiengesellschaft</u> To: <u>Microscience Limited and Imperial College Innovations Limited</u> The document was recorded in the United States Patent and Trademark Office at Reel <u>015331</u> , Frame <u>0118</u> , or for which a copy thereof is attached.				
3. From: David William Holden and Jacqueline Elizabeth Shea To: Microscience Limited and Imperial College Innovations Limited The document was recorded in the United States Patent and Trademark Office at				
Real 015050 , Frame 0815 , or for which a copy thereof is attached.				
Additional documents in the chain of title are listed on a supplemental sheet.				
Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy ( <i>i.e.</i> , a true copy of the original assignment document(s)) must be submitted to Assignment Division In accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]				
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.				
Signature Date				
SUSAN SEARLE 820 75946591				
Printed or Typed Name Telephone Number				
This collection of information is required by 37 CFR 3.73(b). The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proceas) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes a complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the inflividual case. An comments on the amount of time you require to complete this form and/or suggestions for reducing this burder, should be sent to the Chief Information Officient U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FIELS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.				

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ICI 104 DIV - 078230/00036

PAGE 6/8 \* RCVD AT 6/24/2005 2:42:23 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-1/6 \* DNIS:8729306 \* CSID: \* DURATION (mm-ss):03-10

PTO/SB/61 (09-03) Approved for use through 11/30/2005. DMB 0651-0095 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/763 peo Filing Date POWER OF ATTORNEY January 23, 2004 First Named Inventor Michael Hensel and Title CORRESPONDENCE ADDRESS Atlenuated Salmonella SP12 Mutants as Antigen Carriers Art Unit 1645 **INDICATION FORM** Examiner Name Khatol Shahnan-Shah Attorney Docket Number ICI 104 DIV I hereby appoint Practitioners associated with the Customer Number: 23579 OR Practitioner(s) named balow: Name Registration Number as my/our attorney(s) or agant(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith. Please recognize or change the correspondence address for the above-identified application to: ~ The address associated with the above-mentioned Customer Number. OR 23579 The address associated with Customer Number: OR Firm or Individual Name Address Address Citv State Zip Country Telephone Fax am the: Applicant/inventor. ~ Assignee of record of a joint, undivided interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96) SIGNATURE of Applicant or Assignee of Record Name illíam <u>Kodenc</u>r Notin ( Window behalf of Microscience Limited N Signature Date 014 200Telephone 0118 94 3300 NOTE: Signatures of all the inventors or assignces of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one algnature is required, see below\*. "Total of forms are submitted. This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a banefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including galhering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer. U.S. Palent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ICI 104 DIV - 078230/00038

	PTO/SB/96 (09-04) Approved for use through 07/31/2006. OMB 0651-0031			
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMER Under the Paperwork Reduction Act of 1995, no persona are required to respond to a collection of information unicss it displays a valid CMB control numb				
STATEMENT UNDER 37 CFR 3.73(b)				
Applicant/Patent Owner, Michael Hensel, David William Holden, and Jacqueline Elizabeth Shea				
Application No./Patent No.: 10/763,883 Filed/Issue Date: January 23, 2004				
Entitled: Attenuated Salmonells SP12 Mutants as Antigen Carriers				
Microscience Limited (Name of Assignee)	, a <u>Corporation</u> (Type of Assignce, e.g., corporation, partnership, university, government agency, etc.)			
states that it is: 1. [v] the assignee of a joint, undivided interest; or				
<ul> <li>2. an assignee of less than the entire right, title and interest.</li> <li>The extent (by percentage) of its ownership interest is%</li> </ul>				
in the patent application/patent identified above by				
A assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.				
OR B. A chain of title from the inventor(s); of the par below:	atent application/patent identified above, to the current assignee as shown			
The document was recorded in the Un	To: <u>Creatogen Aktiengesellschaft</u> nited States Patent and Trademark Office at , or for which a copy thereof is attached.			
2. From: <u>Creatogen Aktiengesellschaft</u> To: <u>Microscience Limited and Imperial College Innovations Limited</u> The document was recorded in the United States Patent and Trademark Office at Reel <u>015331</u> , Frame <u>0118</u> , or for which a copy thereof is attached.				
The document was recorded in the Un	adath Shea To: Microscience Limited and Imperial College Innovations Limited nited States Patent and Trademark Office at 15, or for which a copy thereof is attached.			
Additional documents in the chain of title are listed on a supplemental sheet.				
Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy ( <i>i.e.</i> , a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. <u>See</u> MPEP 302.08]				
The undersigned (whose title is supplied below) is a	authorized to act on behalf of the assignee. $\sqrt{5012005}$			
Signature	Date			
ROD_RICHARDS.	+44(0)118 944 3307			
Printed or Typed Nar	me Telephone Number			
<u>CHIEF EXECUTIVE</u> O, Title	FFICER			
This collection of Information is required by 37 CFR 3.73(b). Th	he information is required to obtain or retain a benefit by the public which is to file (and by the			
complete, including galhering, preparing, and submitting the com comments on the amount of time you require to complete this for	by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to npleted application form to the USPTO. Time will vary depending upon the individual case. Any orm and/or suggestions for reducing this burden, should be sant to the Chief information Officer leros, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED r Petents, P.O. Box 1450, Alexandria, VA 22313-1450.			

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IC1 104 DIV - 078230/00036

PAGE 8/8 \* RCVD AT 6/24/2005 2:42:23 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-1/6 \* DNIS:8729306 \* CSID: \* DURATION (mm-ss):03-10